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=> d his nofile

     (FILE 'HOME' ENTERED AT 14:56:21 ON 20 JUN 2006)

     FILE 'REGISTRY' ENTERED AT 14:56:56 ON 20 JUN 2006
L1              STRUCTURE UPLOADED
L2            0 SEA SSS SAM L1
                D QUE
L3            0 SEA SSS FUL L1
L4              STRUCTURE UPLOADED
L5            0 SEA SSS SAM L4
L6            1 SEA SSS FUL L4
                D SCAN

     FILE 'CAPLUS' ENTERED AT 15:02:20 ON 20 JUN 2006
L7            1 SEA ABB=ON  PLU=ON  L6

     FILE 'BEILSTEIN' ENTERED AT 15:02:30 ON 20 JUN 2006
L8            0 SEA SSS FUL L1
L9            0 SEA SSS FUL L4

     FILE 'MARPAT' ENTERED AT 15:02:50 ON 20 JUN 2006
L10             STRUCTURE UPLOADED
L11          18 SEA SSS SAM L10
L12             STR L10
L13           2 SEA SSS SAM L12
                D QHIT 1
                D QHIT 2
L14         106 SEA SSS FUL L12
L15         103 SEA ABB=ON  PLU=ON  L14/COM
                D QHIT 103

     FILE 'STNGUIDE' ENTERED AT 15:17:04 ON 20 JUN 2006

     FILE 'CAPLUS' ENTERED AT 15:18:43 ON 20 JUN 2006
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                E BOBO J/AU
L16          12 SEA ABB=ON  PLU=ON  ("BOBO J"/AU OR "BOBO JOHN"/AU OR "BOBO
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                E QUINTERO J/AU
L17          10 SEA ABB=ON  PLU=ON  ("QUINTERO J"/AU OR "QUINTERO J A"/AU OR
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                E JONN J/AU
L18           7 SEA ABB=ON  PLU=ON  ("JONN J"/AU OR "JONN JERRY"/AU OR "JONN
                JERRY Y"/AU OR "JONN JERRY YING"/AU)
                E BAREFOOT J/AU
L19           5 SEA ABB=ON  PLU=ON  ("BAREFOOT J"/AU OR "BAREFOOT J R"/AU OR
                "BAREFOOT JOE B"/AU)
                E CLARK J/AU
L20        5095 SEA ABB=ON  PLU=ON  CLARK J?/AU
                E NARANG U/AU
L21          51 SEA ABB=ON  PLU=ON  ("NARANG U"/AU OR "NARANG UPVAN"/AU)
                E CANNIZARO S/AU
L22          29 SEA ABB=ON  PLU=ON  ("CANNIZZARO S"/AU OR "CANNIZZARO S M"/AU
                OR "CANNIZZARO SCOTT M"/AU)
                E MARMO J/AU
L23          13 SEA ABB=ON  PLU=ON  ("MARMO J"/AU OR "MARMO J C"/AU OR "MARMO
                J CHRISTOPHER"/AU)
L24           9 SEA ABB=ON  PLU=ON  (L16 AND (L17 OR L18 OR L19 OR L20 OR L21
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OR L22 OR L23)) OR (L17 AND (L18 OR L19 OR L20 OR L21 OR L22 OR L23)) OR (L18 AND (L19 OR L20 OR L21 OR L22 OR L23)) OR (L19 AND (L20 OR L21 OR L22 OR L23)) OR (L20 AND (L21 OR L22 OR L23)) OR (L21 AND (L22 OR L23)) OR (L22 AND L23)

=> file caplus
FILE 'CAPLUS' ENTERED AT 15:25:05 ON 20 JUN 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 20 Jun 2006 VOL 144 ISS 26
FILE LAST UPDATED: 19 Jun 2006 (20060619/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html
'OBI' IS DEFAULT SEARCH FIELD FOR 'CAPLUS' FILE

=> d que l24
L16 12 SEA FILE=CAPLUS ABB=ON PLU=ON ("BOBO J"/AU OR "BOBO JOHN"/AU OR "BOBO JOHN S"/AU)
L17 10 SEA FILE=CAPLUS ABB=ON PLU=ON ("QUINTERO J"/AU OR "QUINTERO J A"/AU OR "QUINTERO JULIAN"/AU OR "QUINTERO JULIAN A"/AU)
L18 7 SEA FILE=CAPLUS ABB=ON PLU=ON ("JONN J"/AU OR "JONN JERRY"/AU OR "JONN JERRY Y"/AU OR "JONN JERRY YING"/AU)
L19 5 SEA FILE=CAPLUS ABB=ON PLU=ON ("BAREFOOT J"/AU OR "BAREFOOT J R"/AU OR "BAREFOOT JOE B"/AU)
L20 5095 SEA FILE=CAPLUS ABB=ON PLU=ON CLARK J?/AU
L21 51 SEA FILE=CAPLUS ABB=ON PLU=ON ("NARANG U"/AU OR "NARANG UPVAN"/AU)
L22 29 SEA FILE=CAPLUS ABB=ON PLU=ON ("CANNIZZARO S"/AU OR "CANNIZZARO S M"/AU OR "CANNIZZARO SCOTT M"/AU)
L23 13 SEA FILE=CAPLUS ABB=ON PLU=ON ("MARMO J"/AU OR "MARMO J C"/AU OR "MARMO J CHRISTOPHER"/AU)
L24 9 SEA FILE=CAPLUS ABB=ON PLU=ON (L16 AND (L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23)) OR (L17 AND (L18 OR L19 OR L20 OR L21 OR L22 OR L23)) OR (L18 AND (L19 OR L20 OR L21 OR L22 OR L23)) OR (L19 AND (L20 OR L21 OR L22 OR L23)) OR (L20 AND (L21 OR L22 OR L23)) OR (L21 AND (L22 OR L23)) OR (L22 AND L23)

=> d ibib abs l24 tot

L24 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2006:31022 CAPLUS
DOCUMENT NUMBER: 144:114585

TITLE: Adhesive-containing wound closure device and method
INVENTOR(S): **Jonn, Jerry; Quintero, Julian;** Hoskin, Glenn; Roweton, Susan L.
PATENT ASSIGNEE(S): Closure Medical Corporation, USA
SOURCE: U.S. Pat. Appl. Publ., 15 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2006009099	A1	20060112	US 2004-887884	20040712
WO 2006017109	A2	20060216	WO 2005-US24042	20050707

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: US 2004-887884 A 20040712

AB An article, such as a tissue bonding article, includes a flexible material (e.g., Spectra Mesh), a polymerization initiator (e.g., benzyldimethylhexadecylammonium chloride) or rate modifier disposed in or on the flexible material, and a polymerizable adhesive composition (e.g., Dermabond LV and Dermabond HV) permeated throughout at least a portion of the flexible material, where the polymerization initiator or rate modifier is a polymerization initiator or rate modifier for the polymerizable adhesive composition

L24 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:559340 CAPLUS
TITLE: Applicator for dispensable liquids
INVENTOR(S): D'Alessio, Keith R.; Cotter, William M.; **Narang, Upvan**; Mainwaring, Lawrence H.; Badejo, Ibraheem T.; Hedgpeth, Daniel L.; Szabo, Gabriel N.; Sherbondy, Anthony; **Barefoot, Joe B.**
PATENT ASSIGNEE(S): Closure Medical Corporation, USA
SOURCE: U.S., Cont.-in-part of Ser. No. US 1998-219851, filed on 23 Dec 1998
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6595940	B1	20030722	US 1999-430290	19991029
US 6283933	B1	20010904	US 1998-219851	19981223

PRIORITY APPLN. INFO.: US 1998-219851 A2 19981223

AB A disposable applicator includes a generally tubular applicator body

having a closed proximal end and an open distal end and a frangible vial inside. The proximal end is covered by a drying swab while the distal end is covered by an applicator swab that is in open communication with the interior of the applicator body. Within the applicator body is a frangible vial containing a biomedically useful liquid composition, such as an α-cyanoacrylate adhesive, a medicament, or both. The applicator is useful for applying liquid compns. to target sites such as tissue, particularly sites of topical pathol., such as stomatitis lesions.

REFERENCE COUNT: 76 THERE ARE 76 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:241978 CAPLUS
DOCUMENT NUMBER: 138:243342
TITLE: Biocompatible remover composition for removing medical adhesives
INVENTOR(S): Ayarza, Jaime; Badejo, Ibraheem T.; **Barefoot, Joe B.**; Hedgpeth, Daniel L.; Knotts, Michelle M.; Malofsky, Bernard; **Narang, Upvan**; Spath, Gina L.; Su, Wendy Y.
PATENT ASSIGNEE(S): Closure Medical Corporation, USA
SOURCE: U.S. Pat. Appl. Publ., 9 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003060380	A1	20030327	US 2001-962268	20010926
WO 2003035121	A2	20030501	WO 2002-US29987	20020923
WO 2003035121	A3	20031204		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-962268 A 20010926
OTHER SOURCE(S): MARPAT 138:243342

AB An adhesive remover composition and methods for removing medical grade and other adhesive compns. including, but not limited to, cyanoacrylate adhesive compns. from surfaces including, but not limited to, areas of tissue, including areas of compromised skin. The composition, which is preferably bio-compatible, includes a suitable remover compound such as an alkylester plasticizer combined with an antimicrobial preservative to protect the composition from microorganisms. A method of removing adhesive compns. includes applying the remover composition to the adhesive composition using an applicator, such as a spray applicator, allowing the remover to interact with the adhesive composition and then removing the remover and the adhesive composition A remover composition is prepared by combining iso-Pr myristate and methylparaben in a weight ratio of 99% iso-Pr myristate to 1%

methylparaben. The mixture is sealed in a glass vial and stirred. The characteristics of the composition are observed at about 1 min after preparation and at ≥24 h after preparation The results of the observations show that the remover composition is substantially free from microorganism contamination. As a result no addnl. sterilization is required to prepare the composition for application to compromised skin areas where open wounds or sores may be present.

L24 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2002:730369 CAPLUS
DOCUMENT NUMBER: 137:253061
TITLE: Method of applying an adhesive composition containing a monomer over a bioactive polymerization initiator or accelerator
INVENTOR(S): **Narang, Upvan**; Hedgpeth, Daniel L.; Szabo, Gabriel N.; Badejo, Ibraheem T.; **Barefoot, Joe B.**
PATENT ASSIGNEE(S): Closure Medical Corporation, USA
SOURCE: U.S., 12 pp., Cont.-in-part of U.S. Ser. No. 69,875. CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6455064	B1	20020924	US 1999-430176	19991029
WO 2001030408	A2	20010503	WO 2000-US41638	20001027
WO 2001030408	A3	20020110		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 1998-69875 A2 19980430
US 1999-430176 A 19991029

AB A composition comprising a polymerizable adhesive monomer is applied over a biol. active initiator or accelerator for polymerization of the monomer. The biol. active initiator or accelerator is a medicament that provides a desired medical or therapeutic activity as well as enhancing polymerization of the adhesive. For example, a sample of 120 μL of 1000 ppm benzalkonium chloride (BAC) solution in methanol was tested for its initiation property with 2-octyl cyanoacrylate. Polymerization times of 102-126 s were obtained for 9 samples.

REFERENCE COUNT: 79 THERE ARE 79 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2002:241250 CAPLUS
DOCUMENT NUMBER: 136:284522
TITLE: Absorbable cyanoacrylate tissue adhesive compositions
INVENTOR(S): **Jonn, Jerry Y.**; **Bobo, John**;

Quintero, Julian; Moseley, Jon P.; Burns, Dennis D.
PATENT ASSIGNEE(S): Closure Medical Corporation, USA
SOURCE: U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Ser. No. 630,437.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002037310	A1	20020328	US 2001-919877	20010802
US 6620846	B1	20030916	US 2000-630437	20000802
ES 2240497	T3	20051016	ES 2001-1961846	20010802
PRIORITY APPLN. INFO.:			US 2000-630437 A2	20000802

AB A method of treating living tissue includes applying to living tissue a biocompatible adhesive composition, where the adhesive composition contains at least one alkyl ester cyanoacrylate monomer and a polymerization initiator or accelerator, wherein the polymerization initiator or accelerator is a quaternary amine, or where the adhesive composition contains a mixture of two monomer species having different absorption rates. A composition was prepared from Bu lactoyl cyanoacrylate and domiphen bromide polymerization initiator.

L24 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2002:185245 CAPLUS
DOCUMENT NUMBER: 136:248677
TITLE: Adhesive compositions with reduced coefficient of friction
INVENTOR(S): Badejo, Ibraheem T.; Su, Wendy Y.; D'Alessio, Keith R.; **Jonn, Jerry**; **Quintero, Julian A.**; Knotts, Michelle; Hickey, Timothy P.; Mainwaring, Lawrence H.; **Narang, Upvan**
PATENT ASSIGNEE(S): Closure Medical Corporation, USA
SOURCE: PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002020684	A2	20020314	WO 2001-US25995	20010821
WO 2002020684	A3	20030501		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 6607631	B1	20030819	US 2000-657912	20000908

AU 2001085113	A5	20020322	AU 2001-85113		20010821
PRIORITY APPLN. INFO.:			US 2000-657912	A	20000908
			WO 2001-US25995	W	20010821

OTHER SOURCE(S): MARPAT 136:248677

AB A polymerizable monomer adhesive composition includes a 1,1-disubstituted ethylene monomer and at least one slip additive, where the slip additive causes a polymer film formed form the monomer to have a lower coefficient of friction than in an absence of the slip additive. The slip additive can be selected from, inter alia, fluorinated monomers or polymers, siloxane-containing monomers or polymers, siloxane-containing additives, fluorinated siloxanes, and long-chain fatty acid esters. The slip additives can also form a second phase in a resultant polymer film, where the second phase is soluble in the monomer but is insol. or substantially insol. in the polymer.

L24 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2002:107183 CAPLUS
DOCUMENT NUMBER: 136:156508
TITLE: Absorbable medical adhesive compositions
INVENTOR(S): **Jonn, Jerry Y.; Bobo, John; Quintero, Julian**; Moseley, Jon P.; Burns, Dennis D.
PATENT ASSIGNEE(S): Closure Medical Corporation, USA
SOURCE: PCT Int. Appl., 34 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2002009785	A1	20020207	WO 2001-US24128		20010802
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW					
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US 6620846	B1	20030916	US 2000-630437		20000802
CA 2416258	AA	20020207	CA 2001-2416258		20010802
EP 1317294	A1	20030611	EP 2001-961846		20010802
EP 1317294	B1	20050316			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR					
JP 2004505121	T2	20040219	JP 2002-515336		20010802
AT 290889	E	20050415	AT 2001-961846		20010802
ES 2240497	T3	20051016	ES 2001-1961846		20010802
PRIORITY APPLN. INFO.:			US 2000-630437	A	20000802
			WO 2001-US24128	W	20010802

AB A method of treating living tissue includes applying to living tissue a biocompatible adhesive composition, where the adhesive composition contains at least one alkyl ester cyanoacrylate monomer and a polymerization initiator or accelerator, wherein the polymerization initiator or accelerator is a quaternary

amine, or where the adhesive composition contains a mixture of 2 monomer species having different absorption rates. Thus, an adhesive composition contained butyllactoyl cyanoacrylate 98.2600, domiphen bromide 1.7300, H2SO4 0.0025, and BHA 0.0075%.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2001:319772 CAPLUS
DOCUMENT NUMBER: 134:331684
TITLE: Method of applying a monomer adhesive composition over a bioactive polymerization initiator or accelerator
INVENTOR(S): **Narang, Upvan**; Hedgpeth, Daniel L.; Szabo, Gabriel N.; Badejo, Ibraheem T.; **Barefoot, Joe B.**
PATENT ASSIGNEE(S): Closure Medical Corp., USA
SOURCE: PCT Int. Appl., 30 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001030408	A2	20010503	WO 2000-US41638	20001027
WO 2001030408	A3	20020110		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6455064	B1	20020924	US 1999-430176	19991029
PRIORITY APPLN. INFO.:			US 1999-430176 A	19991029
			US 1998-69875 A2	19980430

AB A kit for delivering a medicament to a patient comprises a package containing (a) a first container that contains a polymerizable monomer composition, e.g., a 1,1-disubstituted ethylene monomer, and (b) a sec. container that contains a medicament as a biol. active initiator or accelerator for polymerization of the monomer. A medicament, e.g., crystal violet and salts or complexes of Zn or Cu, is present in a pharmaceutically effective amount for topical application on a tissue, such as skin. A composition comprising a polymerizable adhesive monomer is applied over a biol. active initiator or accelerator for polymerization of the monomer to form a polymeric adhesive covering. For example, a sample of 120 μL of 1000 ppm a biol. active catalyst solution in MeOH was tested for its initiation property with 2-octyl cyanoacrylate and polymerization times of 57-126 s were obtained.

L24 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2001:137071 CAPLUS
DOCUMENT NUMBER: 134:183553
TITLE: Sterilized cyanoacrylate solutions containing thickeners for medical adhesives
INVENTOR(S): Hickey, Timothy; Stewart, Ubonwan A.; **Jonn,**

Jerry; Bobo, John S.
PATENT ASSIGNEE(S): Closure Medical Corporation, USA
SOURCE: PCT Int. Appl., 31 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

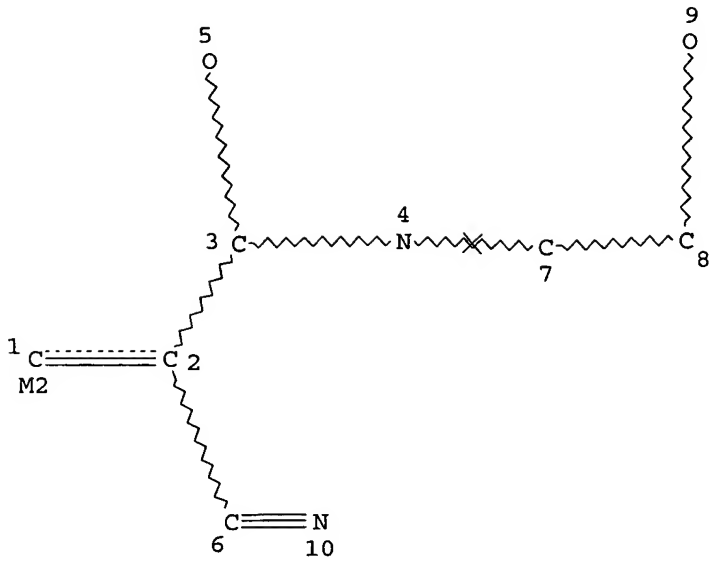
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001012243	A1	20010222	WO 2000-US22159	20000811
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6310166	B1	20011030	US 1999-374207	19990812
CA 2380916	AA	20010222	CA 2000-2380916	20000811
EP 1206291	A1	20020522	EP 2000-954027	20000811
EP 1206291	B1	20051012		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
BR 2000013267	A	20020528	BR 2000-13267	20000811
JP 2003507494	T2	20030225	JP 2001-516585	20000811
AT 306288	E	20051015	AT 2000-954027	20000811
US 2002065336	A1	20020530	US 2001-885939	20010622
US 6433096	B2	20020813		
US 2002156203	A1	20021024	US 2002-120400	20020412
US 6743858	B2	20040601		

PRIORITY APPLN. INFO.:	US 1999-374207	A	19990812
	WO 2000-US22159	W	20000811
	US 2001-885939	A3	20010622

AB A method of making a sterile adhesive composition includes placing a mixture of a polymerizable adhesive monomer and a thickening agent in a container, sealing the container, and sterilizing the mixture and the container. The method provides superior viscosity for the monomer composition The sterile adhesive composition is particularly useful as a medical adhesive and can comprise 1,1-disubstituted ethylene monomers, such as α-cyanoacrylates. A mixture containing 2-octylcyanoacrylate and poly(butylmethacrylate) was subjected to electron beam sterilization to examine the effect of the electron beam radiation on viscosity increases in the formulation.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d que l7
L4 STR

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CONNECT IS E3  RC AT   3
CONNECT IS E1  RC AT   5
CONNECT IS X3  RC AT   7
CONNECT IS X3  RC AT   8
CONNECT IS E1  RC AT   9
DEFAULT MLEVEL IS ATOM
MLEVEL  IS CLASS  AT   1  2  3  4  5  6  7  8  9 10
DEFAULT ECLEVEL IS LIMITED

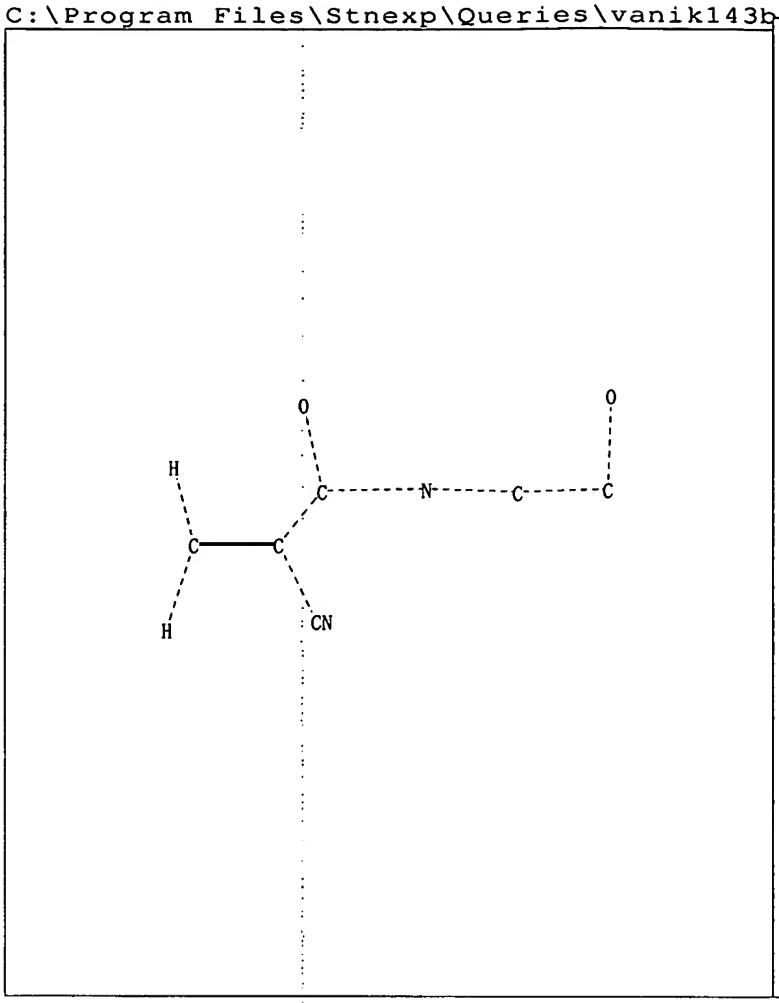
GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  10

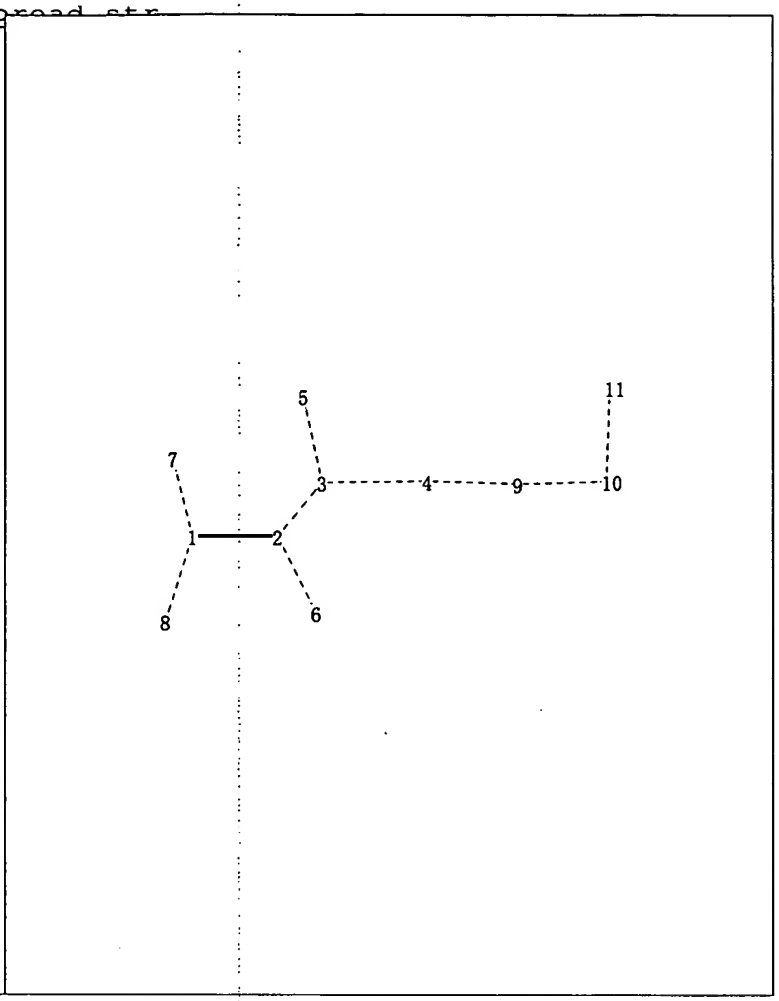
STEREO ATTRIBUTES: NONE
L6             1 SEA FILE=REGISTRY SSS FUL L4
L7             1 SEA FILE=CAPLUS ABB=ON  PLU=ON  L6


=> d ibib abs hitstr l7 tot

L7   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:         1982:182288  CAPLUS
DOCUMENT NUMBER:          96:182288
TITLE:                    Polyoxyalkylene polyamine-based curing agents for
                          polyurethane
```

C:\Program Files\Stnexp\Queries\vanik143broad.str





chain nodes :
1 2 3 5 6 7 8 10 11
ring/chain nodes :
4 9
chain bonds :
1-2 1-7 1-8 2-3 2-6 3-4 3-5 9-10 10-11
ring/chain bonds :
4-9
exact/norm bonds :
1-2 1-7 1-8 2-3 2-6 3-4 3-5 4-9 9-10 10-11

Connectivity :
3:3 E exact RC ring/chain 5:1 E exact RC ring/chain
9:3 X maximum RC ring/chain 10:3 X maximum RC ring/chain
11:1 E exact RC ring/chain
Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS
9:CLASS 10:CLASS 11:CLASS

INVENTOR(S): Umeda, Arihiko; Iwase, Yoshiyuri; Ota, Seiichi
PATENT ASSIGNEE(S): Mitsui-Texaco Chemicals Co., Ltd., Japan
SOURCE: Eur. Pat. Appl., 25 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

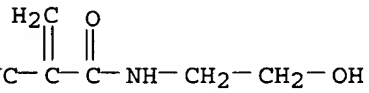
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 46088	A1	19820217	EP 1981-303660	19810811
EP 46088	B1	19861230		
R: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
JP 57036115	A2	19820226	JP 1980-109806	19800812
US 4431790	A	19840214	US 1981-289689	19810803
CA 1169089	A1	19840612	CA 1981-383637	19810811
AU 8174010	A1	19820218	AU 1981-74010	19810812
AU 547172	B2	19851010		

PRIORITY APPLN. INFO.: JP 1980-109806 A 19800812

AB The excessively fast curing time obtained by using polyoxyalkylene polyamines for polyurethanes is moderated by using their adducts with hydroxyacrylates, cyanoacrylates, or epoxy compds. Thus, 2 mol hydroxyethyl acrylate was added slowly to 1 mol polyoxypropylenediamine (I) (mol. weight 230) at 100°, and the mixture was stirred 10 h to give 98% yield of the adduct. When used to cure polypropylene glycol-TDI copolymer [9057-91-4] a gel time of 15 s was obtained instead of 8 s when using I alone.

IT **81565-34-6D**, reaction products with polyoxyalkylene polyamines
RL: CAT (Catalyst use); USES (Uses)
(curing catalysts, for polyurethanes)

RN 81565-34-6 CAPLUS
CN 2-Propenamide, 2-cyano-N-(2-hydroxyethyl)- (9CI) (CA INDEX NAME)



=> file marpat
FILE 'MARPAT' ENTERED AT 15:25:34 ON 20 JUN 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE CONTENT: 1961-PRESENT VOL 144 ISS 25 (20060616/ED)

SOME MARPAT RECORDS ARE DERIVED FROM INPI DATA FOR 1961-1987

MOST RECENT CITATIONS FOR PATENTS FROM MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

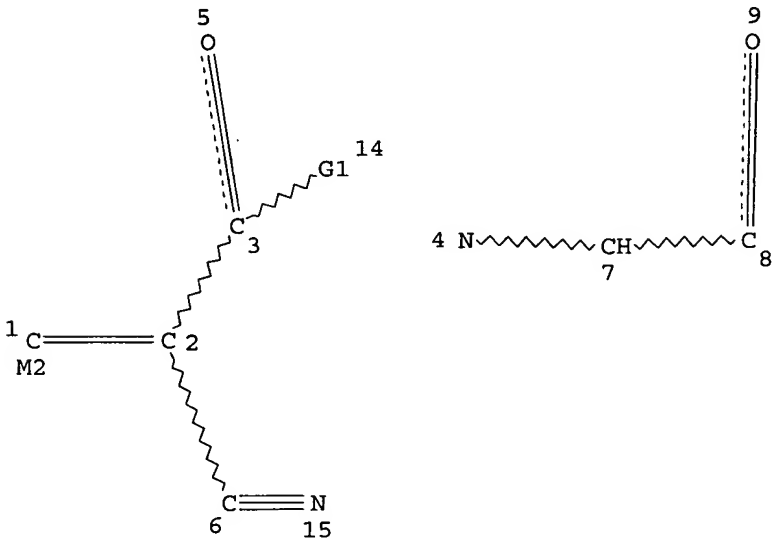
US 2006094872 04 MAY 2006
DE 102005008406 06 APR 2006
EP 1645616 12 APR 2006
JP 2006093467 06 APR 2006

WO 2006045852 04 MAY 2006
GB 2416167 18 JAN 2006
FR 2876222 07 APR 2006
RU 2272044 20 MAR 2006
CA 2518664 10 MAR 2006

Expanded G-group definition display now available.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

=> d que l15
L12 STR



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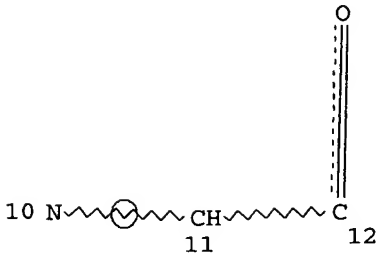
Page 1-A



Page 2-A
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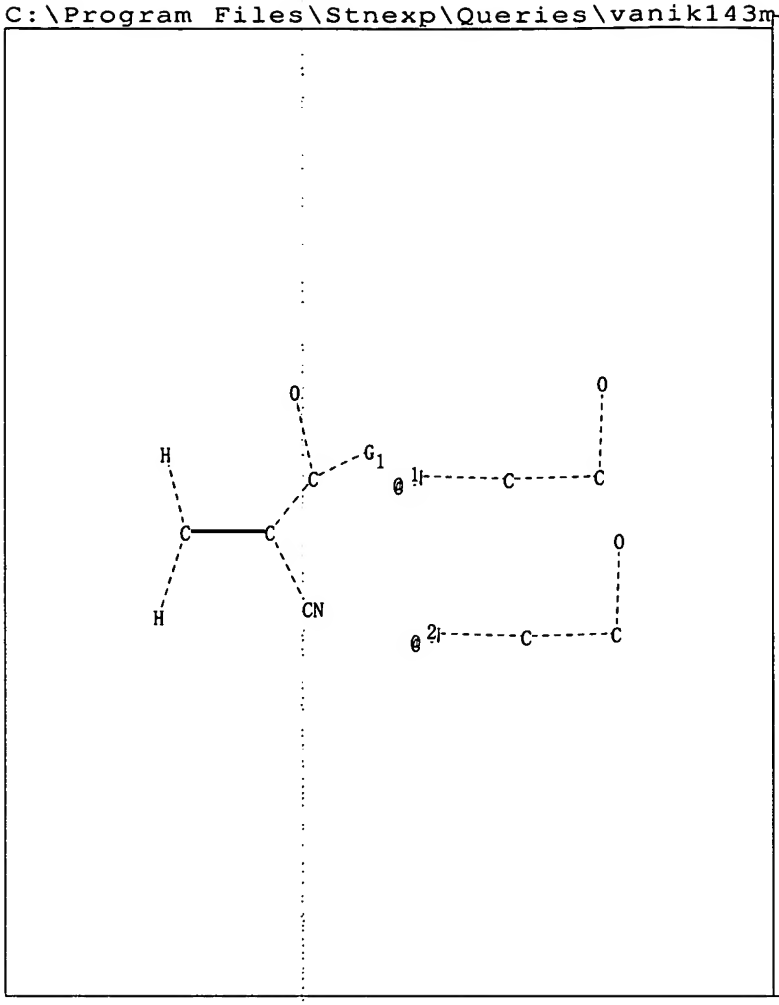
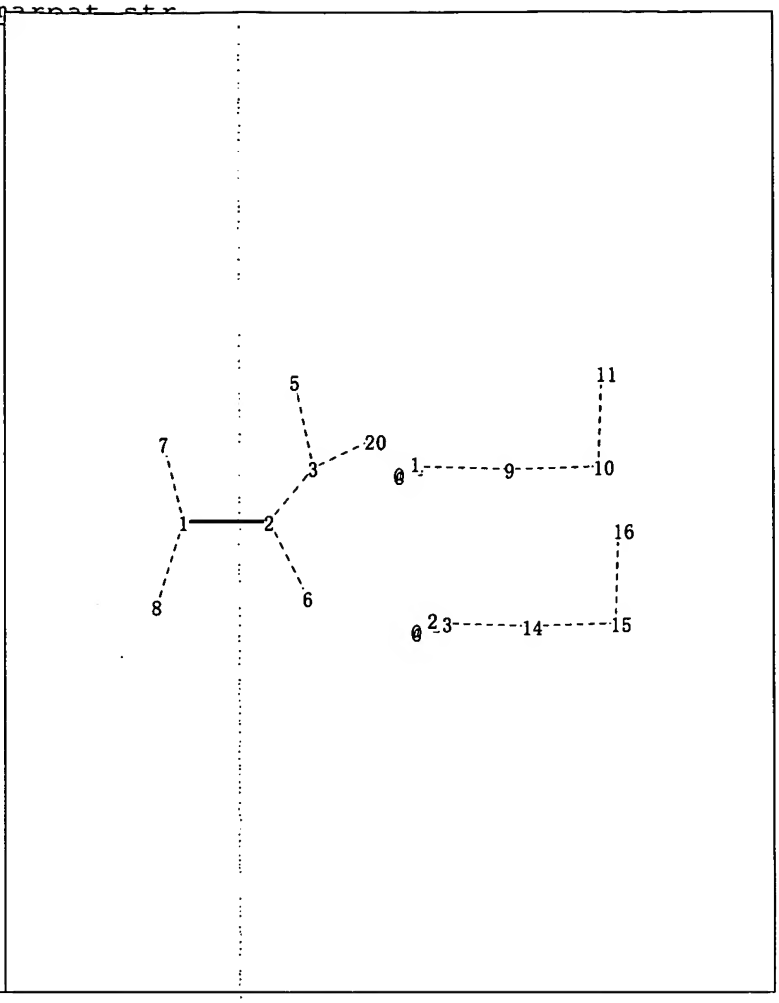
NSPEC IS C AT 1

C:\Program Files\Stnexp\Queries\vanik143marpat.str





chain nodes :
1 2 3 4 5 6 7 8 9 10 11 15 16 20
ring nodes :
13 14
chain bonds :
1-2 1-7 1-8 2-3 2-6 3-5 3-20 4-9 9-10 10-11 14-15 15-16
ring bonds :
13-14
exact/norm bonds :
1-2 1-7 1-8 2-3 2-6 3-5 3-20 4-9 9-10 10-11 13-14 14-15 15-16

G1:[*1],[*2]

Connectivity :
3:3 E exact RC ring/chain 5:1 E exact RC ring/chain
9:3 X maximum RC ring/chain 10:3 X maximum RC ring/chain
11:1 E exact RC ring/chain
Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS
9:CLASS 10:CLASS 11:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS
20:CLASS

Structure used for marpat

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CONNECT IS E1  RC AT   5
CONNECT IS X3  RC AT   8
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DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  15

STEREO ATTRIBUTES: NONE
L14         106 SEA FILE=MARPAT SSS FUL L12
L15         103 SEA FILE=MARPAT ABB=ON  PLU=ON  L14/COM


=> d ibib abs qhit l15 90-103

L15  ANSWER 90 OF 103  MARPAT  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:        122:105906  MARPAT
TITLE:                   Preparation of arthropodicidal and nematocidal
                         heterocyclic sulfonates
INVENTOR(S):             Watson, Keith Geoffrey; Liepa, Andris Juris; Nearn,
                         Roland Henry
PATENT ASSIGNEE(S):      Dunlena Pty. Ltd., Australia
SOURCE:                  PCT Int. Appl., 42 pp.
                         CODEN: PIXXD2
DOCUMENT TYPE:           Patent
LANGUAGE:                English
FAMILY ACC. NUM. COUNT:  1
PATENT INFORMATION:

     PATENT NO.        KIND  DATE           APPLICATION NO.  DATE
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     WO 9425440         A1   19941110       WO 1994-AU180    19940414
         W:  AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, GE,
             HU, JP, KG, KP, KR, KZ, LK, LU, LV, MD, MG, MN, MW, NL, NO, NZ,
             PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, US, UZ, VN
         RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE,
             BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG
     AU 9464211         A1   19941121       AU 1994-64211    19940414
PRIORITY APPLN. INFO.:                     AU 1993-8469     19930426
                                           WO 1994-AU180    19940414
GI
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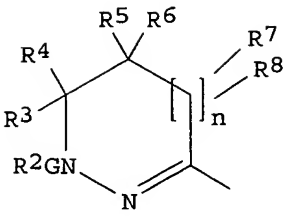

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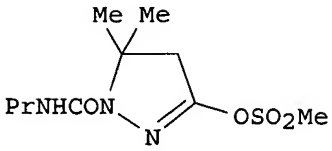

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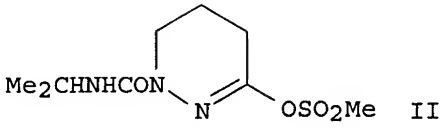
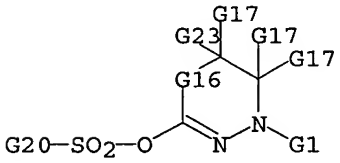


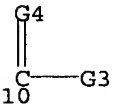
II

AB Title compds. R1SO3Q wherein (G = S, SO, SO2, CS, CO; R1 = (halo)-C1-3 alkyl; R2 = C1-6 alkyl, C3-6 cycloalkyl, C2-6 alkenyl, C2-6 alkynyl each of which is optionally substituted, etc.; R3-8 = H, halo, (halo)-C1-6 alkyl, C3-6 cycloalkyl, (halo)-C2-6 alkenyl, (substituted)amino, NC, (substituted)Ph, etc.; n = 0,1), isomers and salts thereof are prepare 5,5-Dimethylpyrazolin-3-one was reacted with Pr isocyanate to give 5,5-di-Me -1-(propylcarbamoyl)pyrazolidinin-3-one to which in CH2Cl2 was added Et3N and MeSO3Cl to give the tile compound I. Similarly prepared was II. Arthropodicidal and nematocidal activity was demonstrated.

MSTR 1



G1 = 10



G3 = alkenyl <containing 2-6 C>
(opt. substd. by 1 or more G5)
G4 = O
G5 = CN
G16 = bond
G17 = alkoxycarbonyl <containing 1-5 C>
Derivative: and salts
Patent location: claim 1
Stereochemistry: and isomers

L15 ANSWER 91 OF 103 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 121:241579 MARPAT
TITLE: Solid photographic color developer and processing

method for silver halide photographic material

INVENTOR(S): Koma, Kyoko

PATENT ASSIGNEE(S): Konishiroku Photo Ind, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 40 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06003787	A2	19940114	JP 1992-184615	19920618

PRIORITY APPLN. INFO.: JP 1992-184615 19920618

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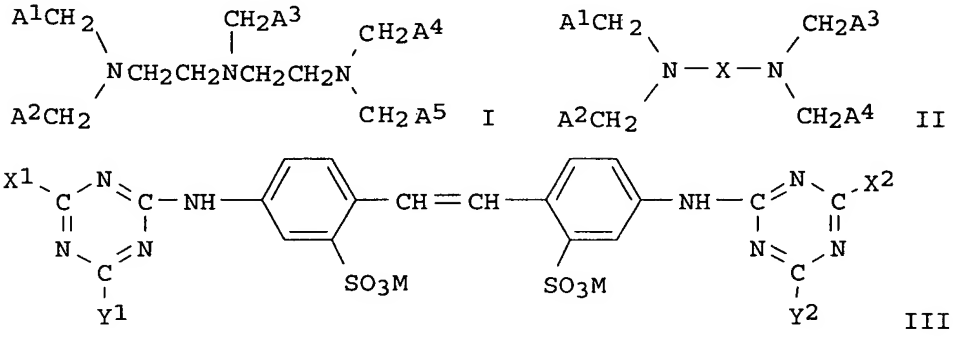
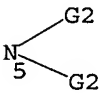


AB The title developer contains ≥1 compound selected from I (A1-5 = CO2M, PO3M2, CH2OH; M = H, alkaline metal) or II (A1-4 = CO2M, PO3M1M2, CH2OH; M, M1, M2 = H, alkaline metal, ammonium; X = C2-6 alkylene), and ≥1 compound III (X1, X2, Y1, Y2 = OH, halo, morpholino, alkoxy, aryloxy, alkyl, aryl, amino, alkylamino; M = H, alkaline metal, cation). In continuously processing photog. materials by using an automatic development apparatus, the above developer is dissolved to be used. The developer shows good solubility and superior storage stability.

MSTR 4

G1—G5

G1 = 5



G2 = 8 / 78

G3—G4 H_2C——C(O)-OEt
8 78

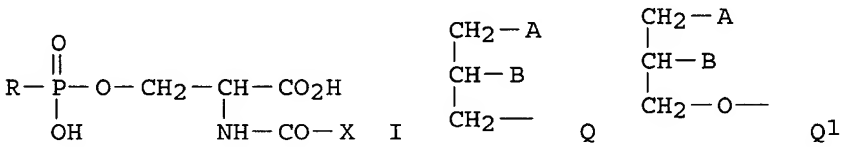
G3 = C(O)
G4 = alkyl (opt. substd. by 1 or more G6)
G6 = CN
Patent location: claim 2

L15 ANSWER 92 OF 103 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 121:180238 MARPAT
TITLE: Preparation of new phospho- and phosphono(N-acyl)serine derivatives as cytotoxic and antiviral agents
INVENTOR(S): Brachwitz, Hans; Langen, Peter; Vollgraf, Christine
PATENT ASSIGNEE(S): Max-Delbrueck-Centrum fuer Molekulare Medizin, Germany
SOURCE: Ger. Offen., 7 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4229877	A1	19940317	DE 1992-4229877	19920904
DE 4229877	C2	19940915		
WO 9405676	A1	19940317	WO 1993-EP2363	19930902

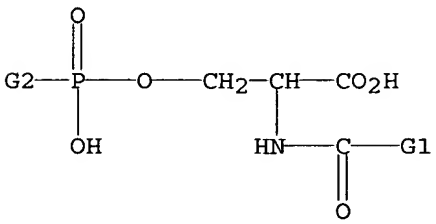
W: JP, US
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

PRIORITY APPLN. INFO.: DE 1992-4229877 19920904
OTHER SOURCE(S): CASREACT 121:180238
GI



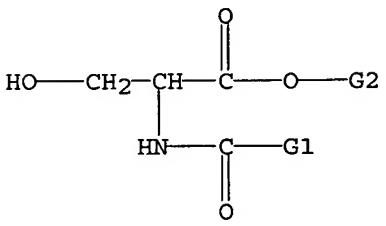
AB Title compds. [I; X = (un)substituted hydrocarbyl; R = Q, Q1, (un)substituted alkyl, alkoxy; A = (un)substituted alkoxy, alkenyloxy, O(CH2)n-CF3; n = 0-3; B = H, (un)substituted alkoxy, alkenyloxy, O(CH2)nCF3] are prepared A mixture of O-(hexadecylphosphono)-L-serine and N-acetoxy-5-norbornene-2.3-dicarboximide in CHCl3 containing Et3N was stirred at room temperature for 48 h to give I [R = hexadecyl, X = Me]. In an in vitro study this had an IC50 of 10 μM against Ehrlich ascites cells.

MSTR 1



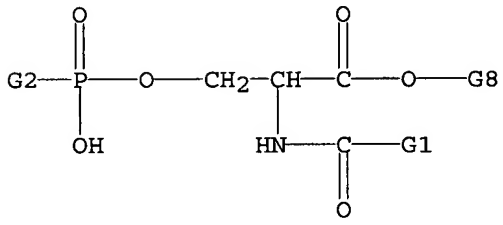
G1 = carbon chain <containing 1-22 C>
(opt. substd. by 1 or more G3)
G3 = CN
Derivative: and pharmaceutically acceptable salts
Patent location: claim 1

MSTR 5



G1 = carbon chain <containing 1-22 C>
(opt. substd. by 1 or more G3)
G3 = CN
Patent location: claim 8

MSTR 6



G1 = carbon chain <containing 1-22 C>
(opt. substd. by 1 or more G3)
G3 = CN
Patent location: claim 8

L15 ANSWER 93 OF 103 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 121:83342 MARPAT
TITLE: Azacyclic tachykinin antagonists
INVENTOR(S): Baker, Raymond; Laddhwahetty, Tamara; Seward, Eileen Mary; Swain, Christopher John
PATENT ASSIGNEE(S): Merck Sharp and Dohme Ltd., UK
SOURCE: PCT Int. Appl., 132 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

WO 9321181	A1	19931028	WO 1993-GB788	19930414
W: AT, AU, BB, BG, BR, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5444074	A	19950822	US 1993-46538	19930413
AU 9340765	A1	19931118	AU 1993-40765	19930414
AU 675786	B2	19970220		
EP 636130	A1	19950201	EP 1993-910151	19930414
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JP 07505648	T2	19950622	JP 1993-518131	19930414
US 5496833	A	19960305	US 1995-387684	19950213
PRIORITY APPLN. INFO.:			GB 1992-8323	19920415
			GB 1992-16065	19920728
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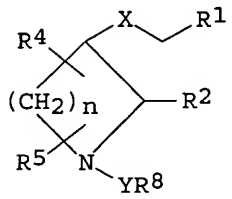
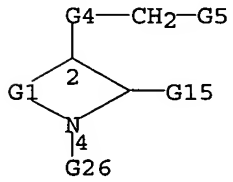


I

AB The title compds. I [R1 = (un)substituted Ph; R2 = (un)substituted aryl, (un)substituted heteroaryl, (un)substituted benzhydryl, (un)substituted PhCH2; R4, R5 = H, halogen, C1-6 alkyl, oxo, etc.; R8 = (un)substituted aromatic heterocycle; X = O, S; Y = (un)substituted C1-4 hydrocarbon chain; n = 1-3], useful as tachykinin antagonists (no data), are prepared and I-containing formulations presented. Thus, hydroxyguanidine sulfate was reacted with (2R,3R)-3-[[3,5-bis(trifluoromethyl)phenyl]methoxy]-1-(carbomethoxy)methyl-2-phenylpiperidine, producing 3-amino-5-[[(2R,3R)-3-[[3,5-bis(trifluoromethyl)phenyl]methoxy]-2-phenylpiperidino]methyl]-1,2,4-oxadiazole.

MSTR 1



G1 = G2
G2 = (1-3) 11

HC——G18
11

G18 = 77

C(O)-G13
77

G26 = 228

G27—G28
228

G27 = 230

Ak═O
230

G28 = CN
Generic group attributes: 39 230 <containing 1-4 C>
Derivative: or salts or prodrugs
Patent location: claim 1

L15 ANSWER 94 OF 103 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 121:10000 MARPAT
TITLE: Process for reduction of carboxylic acids or derivatives, and new compounds
INVENTOR(S): Meyers, Albert I.; Drauz, Karlheinz; Schwarm, Michael; McKennon, Marc
PATENT ASSIGNEE(S): Degussa A.-G., Germany
SOURCE: Ger. Offen., 12 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

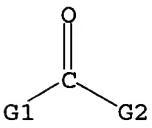
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4232505	A1	19940331	DE 1992-4232505	19920929
WO 9407841	A1	19940414	WO 1993-EP2617	19930925

W: CZ, JP, SK, US
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

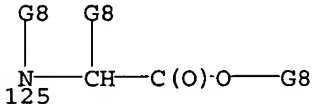
PRIORITY APPLN. INFO.: DE 1992-4232505 19920929
OTHER SOURCE(S): CASREACT 121:10000
AB Carboxylic acids (especially amino acids) and derivs. are reduced to corresponding amines, amino alcs., and diamines, economically, under mild conditions, and with retention of chiral centers, using borohydrides and halogens. Specifically, R1COX [R1 = H, alkyl, aryl; X = group which increases the oxidation number of the carbonyl C, and which may bear up to 2 H, alkyl, and/or aryl groups (R2 and R3); the alkyl and aryl groups may be substituted or linked; R1 = aminomethyl group (R6R7N)CR4R5- when X ≠ NR2R3; R4-R7 = as given for R2] are reduced to either amines R1CH2NR2R3 or amino alcs. (R2R3N)CR4R5CH2OH (R groups same as above or derived by reduction)

using alkali metal borohydrides and halogens, especially chlorine or iodine. For example, iodine in THF was added dropwise to L-tert-leucine and NaBH4 in THF under Ar at 0° with vigorous evolution of hydrogen, followed by heating to reflux, cooling, quenching with MeOH, evaporation, and stirring with aqueous KOH. Extraction and distillation gave 84% L-tert-leucinol. Similarly prepared were: L-valinol (100%), D-phenylglycinol (91%), L-methioninol (65%), N-ethyl-D-phenylalaninol (83%, from N-acetyl-D-phenylalanine), PhCH2NHCH2CH2OH (64.1%, from hippuric acid), (S)-2-isopropylpiperazine-2HCl (31%, from cyclo-Gly-Val), and several others.

MSTR 1



G1 = carbon chain <containing up to 20 C>
(opt. substd. by 1 or more G3)
G2 = 125

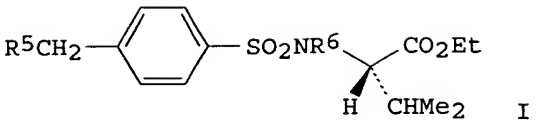


G3 = CN
Patent location: claim 1
Note: substitution is restricted
Note: additional ring formation specified

L15 ANSWER 95 OF 103 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 120:271175 MARPAT
TITLE: Preparation of amino acid derivatives as platelet activating factor (PAF) antagonists
INVENTOR(S): Bowles, Stephen Arthur; Miller, Andrew; Whittaker, Mark
PATENT ASSIGNEE(S): British Bio-Technology Ltd., UK
SOURCE: PCT Int. Appl., 106 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9315047	A1	19930805	WO 1993-GB167	19930127
W: AU, CA, FI, JP, KR, NO, NZ, PT, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9333639	A1	19930901	AU 1993-33639	19930127
PRIORITY APPLN. INFO.:			GB 1992-1755	19920128
			WO 1993-GB167	19930127

GI



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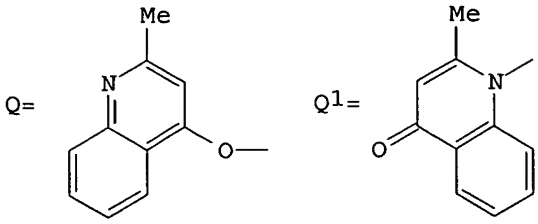
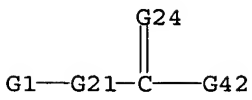
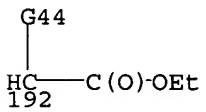


AB A(JWVm)YNR2CR3R4B [I; A = QX; Q = O, S, (un)substituted NH; X = 5- or 6-membered aromatic or heterocyclic ring which may be optionally substituted and/or fused to a benzene ring or to a further 5- or 6-membered aromatic or heterocyclic ring; J = (un)substituted, straight or branched-chain C1-8 alkanediyl, alkenediyl, or alkynediyl; q = 0,1; V = (un)substituted phenylene, (tetrahydro)furandiyl, (tetrahydro)thiophenediyl, or (tetrahydro)thiazolediyl; m = 0,1; Y = bond, CH2, CO, C(S), S(O)2, P(O)(OR); R = alkyl; provided that when Y = S(O)2, Q ≠ bond; R2 = H, alkyl, alkenyl, alkynyl, alkylcarbonyl, alkoxycarbonyl, phenylalkoxycarbonyl, alkoxycarbonylalkyl, phenylalkyl, cycloalkyl, cycloalkenyl, etc.; or NR2CR3 forms a 5- or 6-membered N-containing heterocyclic ring]. [Also, R3, R4 = H, halo, alkyl, alkenyl, alkynyl, alkoxycarbonylalkyl, alkylthioalkyl, alkoxyalkyl, N,N-dialkylaminoalkyl, cycloalkyl, cycloalkenyl, cycloalkylalkyl, cycloalkenylalkyl, cycloalkyloxyalkyl, cycloalkenyloxyalkyl, cycloalkylthioalkyl, cycloalkenylthioalkyl (any of which may optionally be substituted), a side chain of a naturally occurring amino acid, etc.; or CR3R4 = C3-8 cycloalkyl; B = N-(un)substituted CH2NH2 or CONH2, (un)substituted (benzene-fused) heterocyclyl containing ≥1 heteroatoms selected from N, O, and S, ZR1, etc.; Z = bond, C(O), C(O)O, CH2O, CH2OC(O), C(S), C(S)O, CH2S, CH2OC(O)NH, C(O)NHSO2, SO2NHC(O); R1 = H, (un)substituted alkyl, alkenyl, alkynyl, alkoxyalkyl, alkylthioalkyl, (alkoxyalkoxy)alkyl, cycloalkyl, cycloalkenyl, or pyridyl] are prepared I are useful for the treatment and prophylaxis of diseases or conditions (e.g. hypertension) mediated by PAF or angiotensin II. Thus, bromination of p-toluenesulfonyl chloride with NBS in refluxing benzene containing 2,2'-azobis(2-methylpropionitrile) and sulfonylation of the resulting 4-(bromomethyl)phenylsulfonyl chloride with H-Leu-OEt.HCl in the presence of Et3N in THF gave a N-phenylsulfonyl-L-leucine derivative (II; R5 = Br, R6 = H) which was stirred with NaN3 in the presence of PhCH2N+Et2Cl- in CH2Cl2 to give 97% II (R5 = N3, R6 = H). N-methylation of the latter compound by MeI in the presence of NaH in THF and reduction of the resulting II (R5 = N3, R6 = Me) with Ph3P in aqueous THF gave II (R5 = H2N, R6 = Me) which was condensed with 4-chloro-3-nitropyridine in CHCl3 containing Et3N to give (R5 = 3-nitropyrid-4-yl, R6 = Me). II [R5 = Me(CH2)14CO, R6 = Me] showed IC50 of 1 nM for inhibiting the binding of [3H]-PAF to human platelet plasma membrane. II [R5 = Q or Q1 (not identified); R6 = Me] showed ED50 of 7.3 μg/kg i.v. against PAF-induced hypertension in rats.

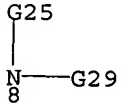
MSTR 1D



G1 = CN
G21 = carbon chain <containing 1-9 C,
0 or more double bonds, 0 or more triple bonds>
G24 = O
G29 = 192



G42 = 8



Derivative: or pharmaceutically or veterinarily acceptable acid addition salts or hydrates
Patent location: claim 1
Note: substitution is restricted
Note: additional ring formation allowed

L15 ANSWER 96 OF 103 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 120:244394 MARPAT
TITLE: Dibenzo-fused derivatives of bicyclo[2.2.2]octane as cholecystokinin inhibitors
INVENTOR(S): Kalindjian, Sarkis Barret; Low, Caroline Minli Rachel; Mcdonald, Iain Mair; Hull, Robert Antony David; Shankley, Nigel Paul; Buck, Ildiko Maria; Steel, Katherine Isobel Mary; Davies, Jonathan Michael Richar; Dunstone, David John; et al.
PATENT ASSIGNEE(S): James Black Foundation Ltd., UK
SOURCE: PCT Int. Appl., 159 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

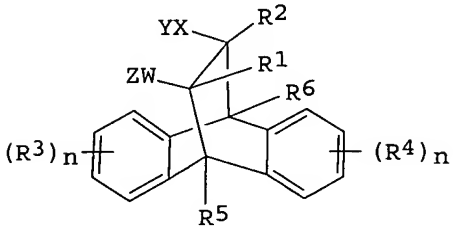
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9316982	A1	19930902	WO 1993-GB346	19930219

W: AT, AU, BB, BG, BR, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE,

BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG

AU 9335097	A1	19930913	AU 1993-35097	19930219
ZA 9301193	A	19940819	ZA 1993-1193	19930219
EP 626942	A1	19941207	EP 1993-904230	19930219
EP 626942	B1	19970423		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 07504184	T2	19950511	JP 1993-514633	19930219
HU 71499	A2	19951128	HU 1994-2280	19930219
AT 152095	E	19970515	AT 1993-904230	19930219
US 5514683	A	19960507	US 1994-288185	19940809
NO 9403055	A	19941011	NO 1994-3055	19940818
FI 9403817	A	19940819	FI 1994-3817	19940819
PRIORITY APPLN. INFO.:			GB 1992-3608	19920220
			GB 1992-13093	19920619
			GB 1992-24629	19921124
			WO 1993-GB346	19930219
			GB 1993-16722	19930812

GI



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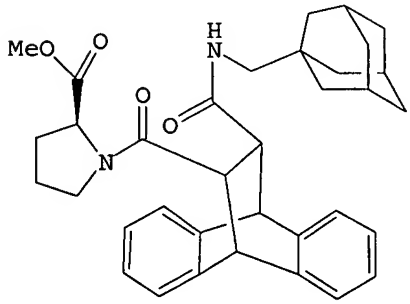
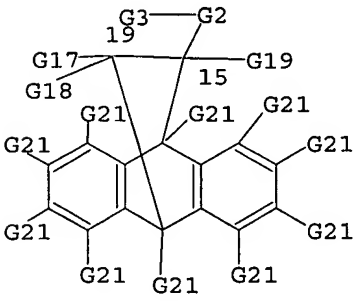


II

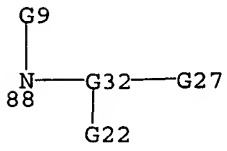
AB Title compds. I [W = CO, SO, SO2; X = CO, SO, SO2, COCH2 (with CO end bound to Y), provided that ≥1 of W and X contains CO; Y = certain (un)substituted OH or NH2 groups; Z = different (un)substituted OH or NH2 groups; R1 = H, Me, halo, (amidated or esterified) CO2H or CH2CO2H; R2 = groups for R1, or COZ' (Z' = Z) when Z is absent and W = H; or R1R2 = pi bond; R3, R4 = halo, amino, NO2, cyano, SO2NH2, alkyl, alkoxy, (amidated or esterified) CO2H; R5, R6 = H, R3; m, n = 0-4, provided that both are ≤ 2 unless R3 or R4, resp., are exclusively halo] were prepared as ligands binding at cholecystokinin (CCK) and gastrin receptors. Thus, 2,3,5,6-dibenzobicyclo[2.2.2]octane-7,8-dicarboxylic acid anhydride reacted with 1-adamantanemethylamine, the resultant acid-amide was condensed with H-L-Pro-OCH2Ph.HCl using PyBOP, and the benzyl ester function was hydrogenolyzed and reesterified with diazomethane to give title compound cis-II as a mixture of 2 diastereomers which were separated by

repeated crystallization These isomers bound to CCKB receptors (mouse cortical membrane) with pKi = 5.8 and 7.3. Included are 238 synthetic examples, 1H NMR data for all final products (free bases or N-methyl-D-glucamine salts), and receptor-binding results (CCKA, CCKB, and gastrin) for most I.

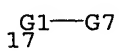
MSTR 1



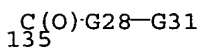
G7 = 88



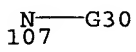
G17 = 17



G22 = CN
G27 = 135

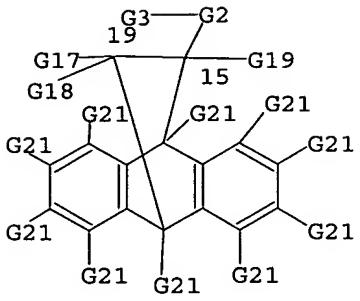


G28 = 107

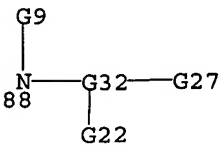


G30 = CH2CO2H
G32 = carbon chain (opt. substd.)
Derivative: or pharmaceutically acceptable salts
Patent location: claim 1
Note: substitution is restricted
Note: additional ring formation is allowed

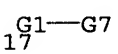
MSTR 1



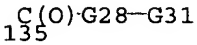
G7 = 88



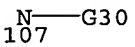
G17 = 17



G22 = CN
G27 = 135



G28 = 107



G30 = CH2CO2H
G32 = carbon chain (opt. substd.)
Derivative: or pharmaceutically acceptable salts
Patent location: claim 1
Note: substitution is restricted
Note: additional ring formation is allowed

L15 ANSWER 97 OF 103 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 120:217668 MARPAT
TITLE: Preparation of arthropodicidal pyrazole sulfonates
INVENTOR(S): Finkelstein, Bruce Lawrence
PATENT ASSIGNEE(S): Dunlena Pty. Ltd., Australia
SOURCE: PCT Int. Appl., 37 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9321160	A1	19931028	WO 1993-US1271	19930204
W: AU, BB, BG, BR, CA, CZ, FI, HU, JP, KP, KR, KZ, LK, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SK, UA, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG				
AU 9336182	A1	19931118	AU 1993-36182	19930204
EP 636121	A1	19950201	EP 1993-905036	19930204
R: DE, ES, FR, GB, IT				
JP 07508265	T2	19950914	JP 1993-518294	19930204
CN 1078233	A	19931110	CN 1993-104217	19930413
PRIORITY APPLN. INFO.:			US 1992-867843	19920413
			WO 1993-US1271	19930204

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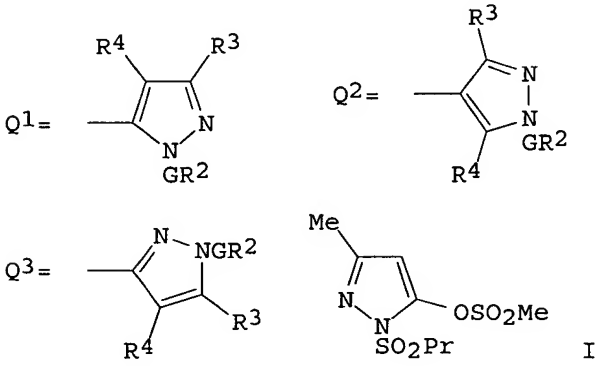
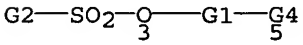


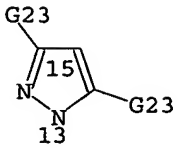
I

AB Title compds. R1SO2OQ (R1 = C1-3 alkyl, C1-3 haloalkyl; Q = Q1, Q2, Q3; R2 = C1-6 alkyl, C3-6 cycloalkyl, C2-6 alkenyl, C2-6 alkynyl each optionally substituted, C1-6 haloalkyl, C3-6 cyclohaloalkyl, C2-6 haloalkenyl, etc.; R3, R4 = H, C1-6 haloalkyl, (halo)-C1-6 alkoxy, C1-6 alkylthio, NC, (substituted) Ph, C1-6 alkylsulfonyl, HCO, halo, HO, O2N, etc.; G = S, SO, SO2, SC, OC), were prepared To PrSO2NHNH2 in EtOH was added EtO2CCH2COMe and NaOEt to give 3-methyl-1-(propylsulfonyl)-1H-pyrazol-5-ol which in CH2Cl2 was reacted with Et3N and MeSO2Cl to give title compound I. In test against green leafhopper nymphs I at 100 ppm gave >80% mortality.

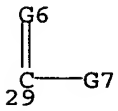
MSTR 1



G1 = 15-3 13-5



G4 = 29



G6 = O
G7 = alkenyl <containing 2-6 C>
(opt. substd. by 1 or more G12)
G12 = CN
G23 = alkoxycarbonyl <containing 2-6 C>
Patent location: claim 1

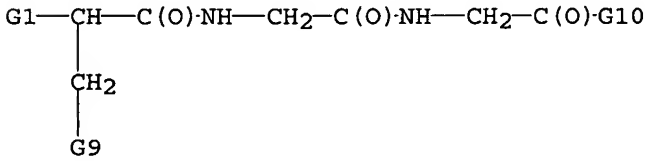
L15 ANSWER 98 OF 103 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 120:55017 MARPAT
TITLE: Preparation and formulation of histidylglycylglycine and derivatives for stimulation of hair growth
INVENTOR(S): Kronholm, Kurt G.; Schwen, Richard J.; Sine, Mark R.; Warren, Raphael; Wawrzyniak, Cynthia J.
PATENT ASSIGNEE(S): Procter and Gamble Co., USA
SOURCE: U.S., 10 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5252559	A	19931012	US 1991-747811	19910820

PRIORITY APPLN. INFO.: US 1991-747811 19910820

AB R1-His(R2)-Gly-Gly-R3 (R1, R2 = H, alkoxycarbonyl, arylcarbonyl, aralkylcarbonyl, alkoxycarbonyl, alkyl, aryl, aralkyl; R3 = OH, alkoxy, aryloxy, aralkoxy, OM; M = cation), were prepared for stimulating hair growth (no data). Thus, H-His-Gly-Gly-OH (I) was prepared by (1) coupling of BOC-Gly-OH with H-Gly-OCMe3 in CH2Cl2 using DCC, (2) deprotection with 4N HCl/dioxane, (3) coupling with BOC-His(Tos)-OH as above, and final deprotection with HF/anisole. I topical compns. are given.

MSTR 1



G1 = 17

HN——G2
17

G2 = 55

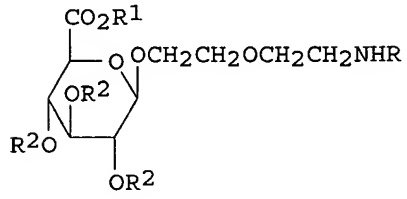
C(O)-G13
55

G4 = CN
G13 = carbon chain (opt. substd. by 1 or more G4)
Patent location: disclosure

L15 ANSWER 99 OF 103 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 119:226439 MARPAT
TITLE: Preparation of glycopeptide derivatives with cell adhesion activity
INVENTOR(S): Mori, Hideto; Komazawa, Hiroyuki; Ogasa, Atsushi; Saiki, Ikuo; Azuma, Ichiro
PATENT ASSIGNEE(S): Fuji Photo Film Co Ltd, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05163300	A2	19930629	JP 1991-333543	19911217

PRIORITY APPLN. INFO.: JP 1991-333543 19911217
GI

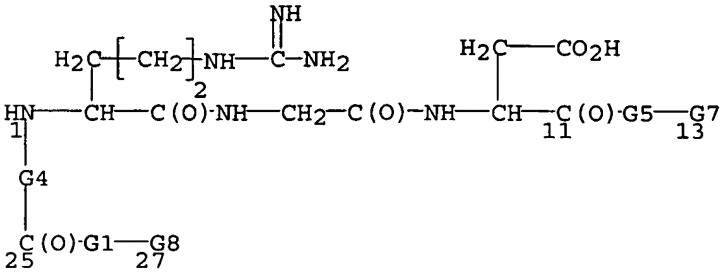


I

AB Q-W-CO-[X]-Arg-Gly-Asp-[Y]-R [W = C1-15 linear or substituted alkylene or arylene optionally interrupted with O, NH, S, ester, amide, or urethane, or urea bond; X = absent, Gly; Y = absent, Ser, Thr, Asp, Val, Ser-Pro; R = OH, NR1R2 (wherein R1, R2 = H, C1-6 alkyl or R1R2 forms a ring); Q = acidic sugar residue bonded to W, preferably uronic acid or uronic acid-containing oligosaccharide, excluding sialic acid residue], which have more potent cell adhesion activity than simple core sequence fragments of fibronectin, show very little toxicity, and are useful as cancer metastasis inhibitors, are prepared Thus, glycosidation of

ZNHCH2CH2OCH2CH2OH (Z = PhCH2O2C) by Me (2,3,4,-tri-O-acetyl-α-D-glucopyranosyl bromide)-uronate in the presence of Ag2CO3, iodine, and Drierite in CHCl3 and hydrogenolysis of the resulting glycoside (I; R = CO2CH2Ph; R1 = Me, R2 = Ac) over 10% Pd-C in MeOH gave I (R = H, R1 = Me, R2 = Ac). Acylation of the latter with succinic anhydride in the presence of Et3N in CH2Cl2 and peptide coupling of the resulting amide I (R = COCH2CH2CO2H, R1 = Me, R2 = Ac) with H-Arg(Z)2-Gly-Asp(OBzl)-Ser(Bzl)-OBzl (Bzl = CH2Ph) (preparation given) followed by deprotection steps gave I (R = COCH2CH2CO-Arg-Gly-Asp-Ser-OH, R1 = R2 = H). A total of 8 I were prepared and in vivo inhibited the metastasis of B16-BL6 melanoma cells to lungs in mice.

MSTR 1



G1 = alkylene <containing 1-15 C>
(opt. substd. by 1 or more G2)
G2 = CN
G4 = bond
G5 = bond
Derivative: or pharmaceutically acceptable salts
Patent location: claim 1

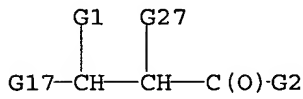
L15 ANSWER 100 OF 103 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 119:158363 MARPAT
TITLE: Enzymatic processes for resolution of enantiomeric mixtures of compounds useful as intermediates in the preparation of taxanes
INVENTOR(S): Patel, Ramesh N.; Szarka, Laszlo J.; Partyka, Richard A.
PATENT ASSIGNEE(S): E. R. Squibb and Sons, Inc., USA
SOURCE: Eur. Pat. Appl., 32 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 552041	A2	19930721	EP 1993-300241	19930115
EP 552041	A3	19941005		
EP 552041	B1	20000830		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
CA 2087359	AA	19930716	CA 1993-2087359	19930115
EP 1001036	A2	20000517	EP 1999-124119	19930115

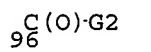
EP 1001036	A3	20000802		
EP 1001036	B1	20041020		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE				
AT 195973	E	20000915	AT 1993-300241	19930115
ES 2149800	T3	20001116	ES 1993-300241	19930115
PT 552041	T	20001229	PT 1993-300241	19930115
AT 280240	E	20041115	AT 1999-124119	19930115
PT 1001036	T	20050131	PT 1999-124119	19930115
ES 2230790	T3	20050501	ES 1999-124119	19930115
JP 05308996	A2	19931122	JP 1993-5734	19930118
JP 3184350	B2	20010709		
US 5567614	A	19961022	US 1994-247789	19940523
US 5811292	A	19980922	US 1996-691058	19960801
HK 1027130	A1	20050225	HK 2000-106189	20000928
GR 3034942	T3	20010228	GR 2000-402521	20001130
PRIORITY APPLN. INFO.:			US 1992-822015	19920115
			EP 1993-300241	19930115
			US 1994-247789	19940523

AB Enzymic resolution of enantiomeric mixts. of substituted β-lactams useful as intermediates in the preparation of taxanes, e.g., the antitumor taxol, is described. Stereoselective hydrolysis of (±)-cis-acetoxy-4-phenyl-2-azetidinone with lipase PS-30 from Pseudomonas was demonstrated.

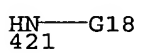
MSTR 3B



G2 = alkenyl (opt. substd. by 1 or more G3)
G3 = CN
G18 = 96

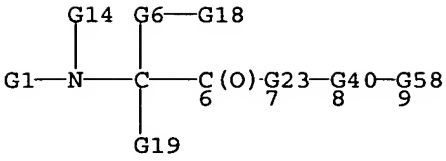


G27 = 421



Patent location: claim 7
Note: substitution is restricted

L15 ANSWER 101 OF 103 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 119:117838 MARPAT
TITLE: Preparation of terminally modified tri-, tetra-, and pentapeptide anaphylatoxin receptor ligands
INVENTOR(S): Luly, Jay R.; Kawai, Megumi; Wiedman, Paul E.
PATENT ASSIGNEE(S): Abbott Laboratories, USA
SOURCE: PCT Int. Appl., 136 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English



G1 = 3

C(O)-G26
3

G5 = CN
G12 = alkenylene (opt. substd. by G5)
G26 = 77

G12—G4
77

Patent location: claim 15
Note: substitution is restricted

L15 ANSWER 102 OF 103 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 119:28013 MARPAT
TITLE: 2-hydroxymethylpyridines, the corresponding pyridine-N-oxides and derivatives thereof, process for their preparation and their use
INVENTOR(S): Weidmann, Klaus; Bickel, Martin; Kesseler, Kurt; Scharbert, Bernd
PATENT ASSIGNEE(S): Hoechst A.-G., Germany
SOURCE: Eur. Pat. Appl., 48 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 533130	A1	19930324	EP 1992-115831	19920916
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
CA 2078590	AA	19930320	CA 1992-2078590	19920918
NO 9203638	A	19930322	NO 1992-3638	19920918
AU 9224567	A1	19930325	AU 1992-24567	19920918
ZA 9207158	A	19930428	ZA 1992-7158	19920918
JP 05213883	A2	19930824	JP 1992-297613	19920918
PRIORITY APPLN. INFO.:			DE 1991-4131219	19910919
			DE 1991-4136346	19911105

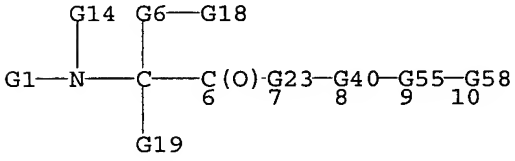
OTHER SOURCE(S): CASREACT 119:28013
AB A process for the preparation of pyridine derivs. of formula I, e.g., I [R1, R2, R4 = H, R3 = C(O)NHCH2CH2CH2OMe, X = CH2OH] comprises reaction of hydroxymethylpyridine derivative with alkoxyamine. Thus, reaction of methyl 2-hydroxymethylpyridine-4-carboxylate with 3-methoxypropylamine gave I [R1, R2, R4 = H, R3 = C(O)NHCH2CH2CH2OMe, X = CH2OH]. The pharmaceutical application of these compds. are as fibrosuppressive agents and agents

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9221361	A1	19921210	WO 1992-US4331	19920522
W: CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, MC, NL, SE				
US 5190922	A	19930302	US 1991-710209	19910604
PRIORITY APPLN. INFO.:			US 1991-710209	19910604

AB Oligopeptides A-B-D-E-G-J-L [A = (un)modified, (un)protected, or desamino acid residue; B, D, E, G, J = independently (un)modified amino acid residue, or B-D, D-E, E-G, G-J = (un)modified dipeptide isostere; L = CN, OH], analogs thereof, and pharmaceutically acceptable salts and compns. thereof, were prepared as ligands for the anaphylatoxin C5a receptor and are useful in the treatment of inflammatory disease states. Thus, (S)-PhCHEtCO-L-Lys-L-Pro-D-Cha-L-Cha-D-Arg-OH (I; Cha = 3-cyclohexylalanine) was prepared by solid-phase methods using Nα-tert-butoxycarbonyl (Boc) protection on a Merrifield resin. I showed Ki = 0.014 μM in an in vitro anaphylatoxin C5a receptor binding assay.

MSTR 1A



G1 = 3

C(O)-G26
3

G5 = CN
G12 = alkenylene (opt. substd. by G5)
G26 = 77

G12—G4
77

Patent location: claim 15
Note: substitution is restricted

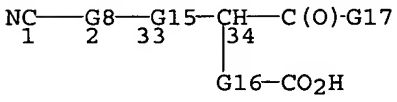
MSTR 1B

SOURCE: PCT Int. Appl., 79 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

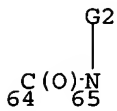
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9217196	A1	19921015	WO 1992-US2637	19920330
W: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, PL, RO, RU, SD, SE, US				
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, MC, ML, MR, NL, SE, SN, TD, TG				
CA 2107088	AA	19920929	CA 1992-2107088	19920330
AU 9220143	A1	19921102	AU 1992-20143	19920330
AU 673497	B2	19961114		
EP 577775	A1	19940112	EP 1992-912095	19920330
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 06506699	T2	19940728	JP 1992-511653	19920330
PRIORITY APPLN. INFO.:			US 1991-677006	19910328
			WO 1992-US2637	19920330

AB Title compds. (>150 compds.) were prepared Thus, polymer-bound Fmoc-Val-OH (Fmoc = 9-fluorenylmethoxycarbonyl) was treated with Fmoc-Asp(CMe3)-OH and Fmoc-Arg[SO2C6H(OMe)Me3-4,2,3,6]-OH followed by deprotection to give H-Arg-Asp-Val-OH (I). At 100μM I gave 49% inhibition of fibrinogen-mediated blood platelet aggregation.

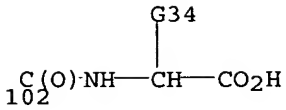
MSTR 1D



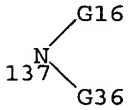
G8 = alkenylene <1 double bond>
(opt. substd. by 1 or more G9)
G15 = 64-2 65-34



Derivative: or pharmaceutically acceptable salts
Patent location: claim 1
Note: substitution is restricted

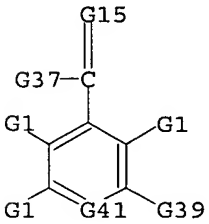


G37 = 137

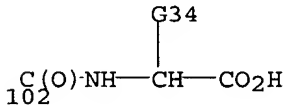


Patent location: claim 8

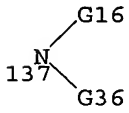
MSTR 4B



G16 = carbon chain <containing 1-12 C,
0 or more double bonds, 0 or more triple bonds>
(opt. substd. by 1 or more G17)
G17 = CN / 102



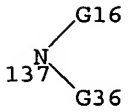
G37 = 137



Patent location: claim 8

L15 ANSWER 103 OF 103 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 118:255350 MARPAT
TITLE: antithrombic peptides and pseudopeptides
INVENTOR(S): Klein, Scott I.; Molino, Bruce F.; Czekaj, Mark; Gardner, Charles; Becker, Michael R.; Dener, Jeffrey M.; Pelletier, Jeffrey C.
PATENT ASSIGNEE(S): Rhone-Poulenc Rorer International (Holdings) Inc., USA

G37 = 137

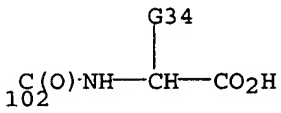


Derivative: or derivatives and physiologically effective salts
Patent location: claim 1

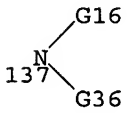
MSTR 3

G37—H

G16 = carbon chain <containing 1-12 C,
0 or more double bonds, 0 or more triple bonds>
(opt. substd. by 1 or more G17)
G17 = CN / 102

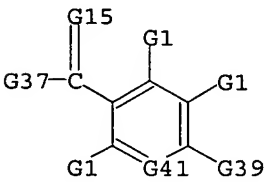


G37 = 137



Patent location: claim 7

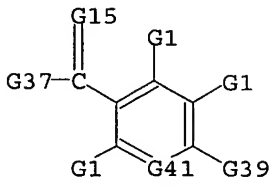
MSTR 4A



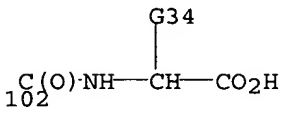
G16 = carbon chain <containing 1-12 C,
0 or more double bonds, 0 or more triple bonds>
(opt. substd. by 1 or more G17)
G17 = CN / 102

effecting collagen metabolism

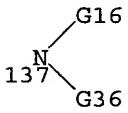
MSTR 1A



G16 = carbon chain <containing 1-12 C,
0 or more double bonds, 0 or more triple bonds>
(opt. substd. by 1 or more G17)
G17 = CN / 102

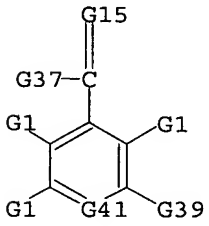


G37 = 137



Derivative: or derivatives and physiologically effective salts
Patent location: claim 1

MSTR 1B



G16 = carbon chain <containing 1-12 C,
0 or more double bonds, 0 or more triple bonds>
(opt. substd. by 1 or more G17)
G17 = CN / 102